

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Environmental Trade Fair & Conference

May 6-7 | 2014 | Austin Convention Center

2014



P R O G R A M

TUESDAY MAY 6, 2014

(TENTATIVE AGENDA. ALL SPEAKERS ARE TCEQ STAFF UNLESS OTHERWISE INDICATED.)

7:30 a.m. Registration Begins | 8:00 a.m. Exhibit Hall Opens | 8:30 a.m. Concurrent Sessions Begin

EDUCATIONAL TRACKS		8:30–9:30 a.m.	10:30–11:30 a.m.	1:00–2:00 p.m.	2:15–3:15 p.m.	4:00–5:00 p.m.
AIR PERMITTING: NEW SOURCE REVIEW AND OPERATING PERMITS <i>BALLROOM G</i>	8:00 a.m. EXHIBIT HALL OPENS	Air Permits Division Updates and Q&A Mike Wilson, P.E. <i>Level: Basic</i>	Standardized Authorizations (Permits by Rule, Standard Permits, etc.) Includes discussions on e-Permitting, spreadsheets, and other tools. <i>Dana Johnson</i> <i>Level: Basic</i>	Introduction to New Source Review Permits Description of the permitting processes for NSR construction permits, amendments, alterations, and renewals. <i>Alec Castellano</i> <i>Level: Basic</i>	Title V Site Operating Permits, Revisions, and Renewals Explanation of the initial application, revision, and renewal processes for federal operating permits. <i>Carolyn Maus, P.E.</i> <i>Level: Basic</i>	Commonly Used Permits by Rule Specific information regarding applicability and requirements for more commonly used PBRs. <i>Joe Shine</i> <i>Level: Basic</i>
		Update on the Texas State Implementation Plan and Federal Air Quality Standards The latest air planning activities, current standards, and the air quality in Texas. <i>Brian Foster, Marissa Garza</i> <i>Level: Basic</i>	Point Source Emissions Inventory Overview of the point source emissions inventory process. <i>Julia Segura</i> <i>Level: Intermediate</i>	Toxics Release Inventory TRI program and reporting requirements. <i>Blake Kidd</i> <i>Level: Advanced</i>	Update on the Texas Emissions Reduction Plan <i>Stephen Murchison</i> <i>Level: Basic</i>	Ozone Science and the NAAQS Discussion of the scientific basis of the ozone National Ambient Air Quality Standard with particular emphasis on information for Texas. <i>Michael E. Honeycutt, Ph.D.</i> <i>Level: Intermediate</i>
		Ambient Air Monitoring Networks in Texas Requirements and review process for the ambient air monitoring networks. <i>Susan Simonet</i> <i>Level: Basic</i>	Obtaining Texas Ambient Air Monitoring Maps and Data How you can obtain tools online. <i>Heather Stewart</i> <i>Level: Basic</i>	Title V Compliance Certification and Deviation Reporting What happens after the Title V permit is issued? <i>Anjanette Jackson, Erica Solis</i> <i>Level: Basic</i>	Emissions Events General information and case studies on emissions events: reportable, recordable, and excessive. <i>Joe Janeka, Jon Williams</i> <i>Level: Basic</i>	Enforcement Overview TCEQ's Enforcement Division including the Texas Audit Privilege Act. <i>Melissa Cordell, Michael De La Cruz</i> <i>Level: Basic</i>
		Temporary Housing Issues Related to Oil and Gas Activities Rules applicable to temporary housing supporting oil and gas activities. <i>Anne Marie Callery, Colin Barth, James Beauchamp, James McCaine</i> <i>Level: Basic</i>	SIP 101 An introduction to the Texas State Implementation Plan, a comprehensive plan to clean air and meet federal air quality standards. <i>Kristin Jacobsen</i> <i>Level: Basic</i>	Stormwater: MS4 Permitting requirements for small municipal separate storm sewer systems. <i>Polly Porter</i> <i>Level: Basic</i>	Stormwater: MSGP & Construction Permitting applicability for multi-sector and construction general stormwater permits. <i>Asma Vahora</i> <i>Level: Basic</i>	Recycling TCEQ rules that may affect recyclers. <i>Shannon Herriott</i> <i>Level: Basic</i>
		Update on the NELAC Institute <i>Jerry Parr, The NELAC Institute</i> <i>Level: Basic</i>	A New Training Paradigm for Successful Implementation of the TNI Standard A case study of a new approach used for laboratory personnel. <i>Nan Thomey, Environmental Chemistry, Inc.</i> <i>Level: Basic</i>	Third Party Assessors: We Are Here to Help How laboratories and states can benefit from third party assessors as an additional resource. <i>Michael Shepherd, Ph.D., Shepherd Technical Services</i> <i>Level: Basic</i>	Analytical Chemistry and Q&A about Produced Water Analysis Quality assurance and quality control issues associated with the analysis of produced water. <i>David Gratson, CEAC, Environmental Standards, Inc.</i> <i>Level: Basic</i>	Use of Oxygen Uptake Rate to Determine the Toxicity of a Wastewater or Frack Water Sample The use of oxygen consumption rate as defined in standard methods for the examination of water and wastewater. <i>Edward F. Askew, Ph.D., Askew Scientific</i> <i>Level: Basic</i>
OIL AND GAS <i>BALLROOM EF</i>		Oil and Gas in Texas New technology promises to greatly extend the life and diversity of oil and gas resources in Texas. <i>TBD, Bureau of Economic Geology</i> <i>Level: Intermediate</i>	Ozone and Current Understanding of Oil and Gas Impacts in the Dallas/Fort Worth and San Antonio Areas <i>Chris Kite and Bright Dornblaser, Ph.D.</i> <i>Level: Intermediate</i> Summer 2013 Infrared Flyover Eagle Ford and Permian Basin infrared VOC flyover project. <i>Keith Sheedy, P.E.</i> <i>Level: Basic</i>	Panel Discussion: Water Sourcing for Oil and Gas Activities, Part I Topics include: groundwater authority, municipal and industrial wastewater reuse, use of surface water, and oil and gas water recycling. Groundwater Authority and Requirements A discussion on groundwater authority in Texas and groundwater district requirements as they relate to the oil and gas industry. <i>Peggy Hunka, P.G.</i> <i>Level: Intermediate</i> Wastewater Reuse Types of water quality authorizations, including wastewater reuse. <i>Jaya Zyman-Ponebshek, P.E.</i> <i>Level: Intermediate</i>	Panel Discussion: Water Sourcing for Oil and Gas Activities, Part II: Surface Water Use Applicable rules and authorizations. <i>Steve Ramos</i> <i>Level: Intermediate</i> Recycling—RRC Oil Field Fluid Recycling in Texas: Railroad Commission Rule 8 Amendments. <i>Sean Avitt, Railroad Commission of Texas</i> <i>Level: Intermediate</i> Water Sourcing Q&A TCEQ and Railroad Commission of Texas staff	Railroad Commission of Texas' Natural Gas Flaring/Venting and Hydrogen Sulfide Rules. <i>Travis Baer, Railroad Commission of Texas</i> <i>Level: Intermediate</i>

9:30–10:30 a.m. BREAK – EXHIBIT HALL

11:30 a.m. – 12:45 p.m. INFORMAL LUNCH – BALLROOM D

3:15–4:00 p.m. BREAK – EXHIBIT HALL

TUESDAY MAY 6, 2014

(TENTATIVE AGENDA CONTINUED)

WASTE MANAGEMENT: INDUSTRIAL AND HAZARDOUS WASTE ROOM 16AB	Industrial and Hazardous Waste Classification Instructions and guidance on classification and coding of industrial and hazardous waste. <i>Keith Witter</i> Level: Basic	Workshop on Industrial and Hazardous Waste Classification Hands-on experience in the classification and coding of industrial and hazardous waste. <i>Keith Witter</i> Level: Intermediate	Industrial and Hazardous Waste Permits Exemptions from permitting; updates on the program, permit renewals, and rulemaking. <i>Will Wyman, Cynthia Palomares</i> Level: Intermediate	Industrial and Hazardous-Waste Recycling Rules and Exemptions From the Definition of a Solid Waste Industrial and hazardous-waste exclusions which exempt recyclable materials from certain waste regulations. <i>Jesse Boultinghouse</i> Level: Intermediate	Managing Universal Waste How universal waste rules affect regulation of certain hazardous wastes. <i>Will Wyman</i> Level: Intermediate
WASTEWATER PERMITTING ROOM 18CD	Water Quality Division Update <i>David Galindo</i> Level: Basic Procedures to Implement the Texas Surface Water Quality Standards Update on the current 2010 Implementation Procedures, USEPA's review, and applicability in TPDES application reviews. <i>Brittany Lee</i> Level: Intermediate	Design Criteria for Domestic Wastewater Treatment Plants Updating 30 TAC Chapter 217 <i>Louis C. Herrin III</i> Level: Intermediate	Land Application of Wastewater Treatment Plant Sludge and Domestic Sewage Review of land application permits for class B sewage sludge, water treatment sludge, and domestic sewage. <i>Kellie Crouch-Elliott</i> Level: Intermediate The Administrative Review and How to Maintain Your Wastewater Permit How to submit your application, common errors, when to terminate or cancel your permit, and permit maintenance. <i>Adriene McClarron, Jaycelyn Montalvo</i> Level: Basic	Municipal Wastewater Permits Review of applications for municipal and domestic wastewater permits, draft-permit applications, and draft-permit package-development. <i>Dex Dean</i> Level: Intermediate	Reuse of Industrial Reclaimed Water Chapter 210 regulations for reuse of industrial wastewater. <i>Kara Denney</i> Level: Intermediate Reuse of Domestic Reclaimed Water Chapter 210 regulations for reuse of domestic wastewater. <i>Louis C. Herrin III</i> Level: Intermediate
WASTE REMEDIATION TUESDAY ONLY ROOM 15	Remediation Division Update <i>Beth Seaton</i> Level: Basic	Texas Risk Reduction Program Overview and Notifications Discussion focusing on notification requirements. <i>Paul Lewis</i> Level: Intermediate	Determining Representative COCs for Ecological Receptors and Update on Ecological Risk Assessment Updates and the new TRRP-15 Eco-Guidance. <i>Vickie Reat, Larry Champagne</i> Level: Intermediate	Introduction to Incremental Sampling Methodology A structured sampling and laboratory protocol that reduces variability and increases sample representativeness. <i>Jeff Patterson, Mark Bruce, Test America</i> Level: Intermediate	Navigating the Voluntary Cleanup Program How to efficiently move your site through the Voluntary Cleanup Program. <i>Robert Musick, Joe Bell</i> Level: Basic Brownfields Program Highlights The EPA and TCEQ's success stories and lessons learned. <i>Roslyn Kygar, Karen Peycke, USEPA</i> Level: Basic
WATER ROOM 19B	The Texas Integrated Report for Clean Water Act Sections 305(b) and 303(d) <i>Andrew Sullivan</i> Level: Intermediate Texas Surface Water Quality Standards Update The TCEQ's latest revisions and the USEPA's review of the 2010 Surface Water Quality Standards. <i>Jill Csekitz</i> Level: Intermediate	Galveston Bay Estuary Program: Twenty Years of Successful Partnerships Program accomplishments including the Back the Bay campaign. <i>Sarah Bernhardt, Ph.D.</i> Level: Basic	Cross-Connection Control and Backflow Prevention An essential part in providing safe drinking water. <i>Al Fuentes</i> Level: Basic Texas Optimization Program Optimizing operations at PWSs to ensure the highest quality water is produced. <i>Kenny Dykes</i> Level: Basic	Sometimes You Need a Friend: Partnerships in Drinking Water Stories of regional drinking water projects. <i>Dorothy Young</i> Level: Basic Well Construction Well design requirements of 30 Texas Administrative Code Chapter 290. <i>Craig Stowell</i> Level: Basic	Water Conservation and Drought Planning Texas Administrative Code requirements for water conservation and drought contingency plans. <i>Jennifer Allis</i> Level: Basic

Texas Environmental Excellence Awards

PLEASE JOIN US AT THE 2014 TEXAS ENVIRONMENTAL EXCELLENCE AWARDS BANQUET

Wednesday, May 7 | Ballroom D | 5:30 p.m. Reception | 6:30 p.m. Dinner and Awards

The Texas Environmental Excellence Awards honor the state's most outstanding environmental projects. The banquet includes a reception, dinner, and awards ceremony featuring a video vignette on each winning project.

Tickets are \$35 a person or \$280 for a reserved table of eight.

If spaces are still available, you may buy tickets at the Onsite Registration Counter until 3:00 p.m., Wednesday, May 7.



WEDNESDAY MAY 7, 2014

(TENTATIVE AGENDA. ALL SPEAKERS ARE TCEQ STAFF UNLESS OTHERWISE INDICATED.)

EDUCATIONAL TRACKS

8:30–9:30 a.m.

10:30–11:30 a.m.

1:00–2:00 p.m.

2:15–3:15 p.m.

4:00–5:00 p.m.

AIR PERMITTING: NEW SOURCE REVIEW AND OPERATING PERMITS

BALLROOM G

COMPLIANCE ASSISTANCE AND ENFORCEMENT

ROOM 17AB

ENVIRONMENTAL QUALITY ALONG THE TEXAS BORDER WITH MEXICO

*WEDNESDAY ONLY
ROOM 14*

ETHICS

*WEDNESDAY ONLY
ROOM 12AB*

INTRODUCTION TO ENVIRONMENTAL REGULATIONS

ROOM 18AB

LAB PRACTICES AND DATA REPORTING

ROOM 19A

OIL AND GAS

BALLROOM EF

**Prevention of Significant Deterioration/
Nonattainment Review/Netting**
PSD and NA requirements, including standards update, netting examples, offsets, and controls.

*Rick Goertz, P.E.
Level: Basic*

**Preparing for a TCEQ Investigation
and What to Do after a TCEQ I
nvestigation**

How a TCEQ investigator conducts an investigation and how to prepare.
*Monica Galvan
Level: Basic*

The TCEQ's Border Initiative
A unified approach to protecting environmental quality along the Texas border with Mexico.
*Steve Niemeyer
Level: Basic*

No presentation scheduled

**Understanding the Enforcement
Process**
*Colin Barth
Level: Basic*

**Use of Innovative Enzymatic
Methods in Wastewater and
Reclaimed Water**
The use of innovative enzymatic methods for the determination of E. coli, fecal coliforms, and enterococci in wastewater and reclaimed water.
*Gil Dichter, IDEXX Water
Level: Basic*

The Railroad Commission of Texas' Class II Injection–Disposal Well Permitting and Monitoring Program
*David Hill, Railroad Commission of Texas
Level: Intermediate*

**New Source Review Modeling
and Impacts Evaluation**
Authority, requirements, and general evaluation process for determining impacts.

*Daniel Jamieson
Level: Basic*

**Office of Compliance and
Enforcement Update**

*Ramiro Garcia, Jr.
Level: Basic*

Shale Gas Opportunities in Mexico
The other side of the Eagle Ford Shale and beyond.
*Ricardo Gonzales Carrillo, General Director, National Commission of Hydrocarbons, Mexico Secretary of Energy
Level: Basic*

No presentation scheduled

Air Permitting Overview
*Kathryn Bazan
Level: Basic*

Pushing the Limits
Summary of new techniques such as selective ion monitoring, solid phase micro-extractions, and on-line chelation.
*Elizabeth Winger, Calscience
Level: Basic*

**Environmental Requirements for
Temporary Housing Supporting
Oil and Gas Activities**
A review of the rules.
*Anne Marie Callery, Colin Barth, Mike Price, Christine Bergren and a representative from PWS
Level: Intermediate*

**Title V Oil and Gas
General Operating Permits**
Application for authorization to operate and revisions to GOPs.

*Whitney Hill
Level: Basic*

**Optical Gas Technologies
in Field Operations**
How the TCEQ is using optical gas technologies in environmental studies and investigations.

*Yvette Vaughan, Clayton Holbrook
Level: Basic*

**Flood and Water Scarcity:
Agriculture and Fast-growing Cities**
Challenges and successes in managing water availability along the Texas-Mexico border.
*Erasmio Yarrito
Level: Basic*

**Ethics Training for
Professional Engineers**
Rule changes within the last year, updates on initiatives, enforcement statistics, and the engineering Code of Conduct.
*C.W. Clark, Texas State Board of Professional Engineers
Level: Basic*

**Underground Storage Tanks:
Preparing for an Investigation**
*Jack Holsomback
Level: Basic*

Preventing Findings
ITRC guidance to standard operating procedure comparison to the published methods.
*Mitzi Miller, Dade Moeller & Associates
Level: Basic*

**Panel Discussion: Oil and Gas
Waste Management in Texas**
*Christine Bergren, Diane Goss, and David Cooney, and David Wuerch from the Railroad Commission of Texas
Level: Intermediate*

Greenhouse Gas (GHG) Permitting
Rulemaking, implementation, New Source Review/Title V aspects, and transition from USEPA.

*Tasha Burns
Level: Basic*

NetDMR
How to operate and submit TPDES Discharge Monitoring Reports through the TCEQ NetDMR application.

*Danielle Clements
Level: Basic*

**Environmental Enforcement and
Compliance Assistance Along the
Texas Border**

*Frank Chavero
Level: Basic*

**Ethics Training for
Professional Geoscientists**
*Wesley McCoy, Enforcement Coordinator, Texas Board of Professional Geoscientists
Level: Basic*

**Underground Storage Tanks:
Rule Updates**
Federal rules, stage II, common carrier, and operator training.
*Nathan Weiss
Level: Basic*

**Emergency Response Planning:
Including a Sound Sampling,
Analytical, and QA Program**
Guidance for first responders on sample collection, analysis, and data reporting for legally defensible data.
*Rock J. Vitale, CEAC, CPC, Environmental Standards, Inc.
Level: Basic*

**Greenhouse Gas Permitting
for Oil and Gas Facilities**
Permitting process and requirements for new source review, PSD permits, and Title V operating permits.
*Kristi Mills-Jurach, Sandy Simko
Level: Intermediate*

No Presentation Scheduled

**Supplemental Environmental
Projects: Improving Texas
Environments**

*Stephanie Frazee
Level: Basic*

**Moving Toward Cooperation:
Water Quality of the Lower
Rio Grande/Rio Bravo Watershed**

A research project on binational cooperation by the LBJ School of Public Affairs.
*Eliza Brennan, Darcia Datschkovsky, Mercedes Gonzalez, Joshua Greene, Timothy Long, Masters Candidates, LBJ School of Public Affairs
Level: Basic*

No presentation scheduled

Waste Reduction Policy Act
How to comply with the Texas law for pollution prevention planning, called WRPA.
*Susan Palachek
Level: Basic*

**Dredged Material Evaluations—An
Environmental Testing Laboratory's
Perspective**

A review of the testing program associated with dredged material evaluations.
*Pat McIsaac, Test America, Inc.
Level: Basic*

**Oil and Gas Maintenance, Startup,
and Shutdown Implementation**

Specific air permitting options for oil and gas MSS.
*Erin Selvera
Level: Intermediate*

8:00 a.m. EXHIBIT HALL OPENS

9:30–10:30 a.m. BREAK—EXHIBIT HALL

11:30 a.m. – 12:45 p.m. LUNCH ON YOUR OWN

3:15–4:00 p.m. BREAK—EXHIBIT HALL

WEDNESDAY MAY 7, 2014

(TENTATIVE AGENDA CONTINUED)

RADIOACTIVE MATERIALS AND WASTE MANAGEMENT Plus UNDERGROUND INJECTION CONTROL WEDNESDAY ONLY ROOM 15	TCEQ Radioactive Materials Division Update Charles Maguire, Level: Intermediate San Antonio Water System—Brackish Groundwater Desalination Program Update Kevin Morrison, P.G., Project Coordinator, San Antonio Water System Level: Advanced	TCEQ UIC Program Update Lorrie Council, P.G. Level: Intermediate Status of UIC Rulemaking from the 83rd Legislature David Murry, P.G., Kathryn Hoffman, P.E. Level: Intermediate USEPA UIC Dataflow Project Bryan Smith, P.G. Level: Intermediate	Class I Well Operation, Maintenance, and Reporting Requirements Rich Heitzenrater, Elizabeth Murphy Level: Intermediate Pre-injection Unit Registration Application Revisions and Renewal Issues Kathryn Hoffman, P.E., Jan Bates, P.E. Level: Intermediate	Uranium Section Updates and Recent Rule Change Gary Smith, Ph.D. Level: Intermediate Application of the Radium Benchmark Dose Approach Philip Shaver Level: Advanced	Panel Discussion: Texas Low-Level Waste Disposal Facility Rod Baltzer, President, Waste Control Specialists, LLC; Leigh Ing, Executive Director, Texas Low-Level Radioactive Waste Disposal Compact Commission; Bobby Janecka Level: Advanced
WASTE MANAGEMENT: MUNICIPAL SOLID WASTE ROOM 16AB	MSW Efficiency Project New forms for portions of the Site Development Plan and final versions of Application Checklists. Christine Bergren, Matthew Udenenwu, Gulay Aki Level: Intermediate	Statewide Water Balance Cover Study—Preliminary Results Milind Khire, P.E., Ph.D., University of North Carolina Level: Intermediate	MSW Groundwater 101 Groundwater monitoring requirements for MSW facilities. Iryna Kushnirsky Level: Basic	Development over Closed MSW Landfills Application requirements and case studies. Miki Chilaescu, Dwight Russell, Level: Intermediate	Panel Discussion: Household Hazardous Waste for MSW Providers Operation of HHW collection programs including curbside collections. Stephanie Cunningham, Will Wyman, Steve Odil Level: Basic
WASTEWATER PERMITTING ROOM 18CD	TPDES Pretreatment Program Review of POTW permit applications, conducting industrial surveys, and requirements for categorical industrial users. Mary Anne Wallace, Zandra Castaneda Level: Basic	Industrial Wastewater Permits Applications for industrial wastewater permits and draft-permit package development. Karen Holligan Level: Intermediate Stormwater Inspections What to expect during an investigation of construction projects or industrial sites operating under authorization of the applicable general permit. Jay Halepeska Level: Basic	Municipal Separate Storm Sewer Systems: Phase I and Phase II MS4 program overview: Phase I individual permits, Stormwater Management Programs, renewal of Phase II General Permit (TXR040000). Hanne Nielsen, Rebecca Villalba Level: Intermediate	Stormwater TPDES Multi-Sector General Permit The MSGP – TXR050000, requirements, and impacts to regulated industrial stormwater discharges. Lindsay Garza Level: Basic Stormwater TPDES Construction General Permit The CGP – TXR150000, requirements, and impacts to regulated construction activities. Hal Bailey Level: Basic	Compliance-Improvement Strategies for Municipal Domestic Wastewater Systems Common municipal domestic wastewater treatment plant violations, why they occur, and how to prevent them. David James Level: Basic
WATER ROOM 19B	Watershed Planning: Addressing the Nine Key Elements in Watershed-Based Plans Tips for concisely presenting information needed to implement nonpoint source projects using 319(h) grant funds. Bill Carter Level: Basic	Public Participation: Factors to Consider When Developing and Disseminating an Education Program T. Allen Berthold, Texas Water Resource Institute Level: Intermediate Involving People in Projects to Restore Natural Waterways Case studies involving and engaging local stakeholders. Nikki Dictson, Texas Water Resource Institute Level: Basic Panel Discussion of Previous Talks Louanne Jones Moderating	No Presentation Scheduled	No Presentation Scheduled	No Presentation Scheduled

8:00 a.m. EXHIBIT HALL OPENS

9:30–10:30 a.m. BREAK – EXHIBIT HALL

11:30 a.m.–12:45 p.m. LUNCH ON YOUR OWN

3:15–4:00 p.m. BREAK – EXHIBIT HALL

The TCEQ Environmental Trade Fair & Conference is funded by attendee and exhibitor registration fees.

The TCEQ is an equal opportunity employer. The agency does not allow discrimination on the basis of race, color, religion, national origin, sex, disability, age, sexual orientation, or veteran status. In compliance with the Americans with Disabilities Act, this document may be requested in alternate formats by contacting the TCEQ at 512-239-0028, Fax 512-239-4488, or 1-800-RELAY-TX (TDD), or by writing P.O. Box 13087, Austin, TX 78711-3087.